

Atty.  
Dkt. No.

M#

Client Ref.

241416

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: HAIR et al

Appln. No.: 09/261221

Filing Date: March 3, 1999

Date: December 8, 2000

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of

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Examiner: Lester

Group Art Unit: 2873

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>EAL</i>	AR	4,573,606	03/1986	Lewis et al	221	2	
<i>EAL</i>	BR	4,776,487	10/1988	Kurosawa et al	221	2	
<i>EAL</i>	CR	4,869,392	09/1989	Moulding et al	221	1	
<i>EAL</i>	DR	5,201,429	04/1993	Hikosaka et al	211	59.2	
<i>EAL</i>	ER	5,207,784	05/1993	Schwartzendruber	221	6	
<i>EAL</i>	FR	5,229,749	07/1993	Yenglin	340	568.8	
<i>EAL</i>	GR	5,238,145	08/1993	Pippin	221	260	
<i>EAL</i>	HR	5,273,183	12/1993	Tuttobene	221	7	
<i>EAL</i>	IR	5,280,845	01/1994	Leight	221	2	
<i>EAL</i>	JR	5,344,043	09/1994	Moulding et al	221	71	
<i>EAL</i>	KR	5,490,610	02/1996	Pearson	221	21	
<i>EAL</i>	LR	5,813,568..	09/1998	Lowing	221	6	
<i>EAL</i>	MR	5,847,389	12/1998	Mertins et al	250	222.2	
<i>EAL</i>	NR	5,884,806	03/1999	Boyer et al	221	75	
<i>EAL</i>	OR	5,992,030	07/1999	Shank et al	42	144	
<i>EAL</i>	PR	6,064,921	05/2000	Pippin et al	700	242	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
<i>EAL</i>	QR	EP 432996	06/1991	Europe	Hopkins et al	X		X	
	RR								
	SR								
	TR								
	UR								
	VR								

**OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

<i>EAL</i>	WR	Sketch by inventors of conventional sensor							
	XR								
	YR								
	ZR								
	AAR								
	BBR								

Examiner

*EAL*

Date Considered:

8-26-01

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: HAIR et al.

Appln. No.: 09/261,221

Filing Date: March 3, 1999

Date: August 13, 2001

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Examiner: E. Lester

Group Art Unit: 2873

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>ELH</i>	AR 5,303,844	04/1994	Muehlberger	221	1	
<i>ELH</i>	BR 3,537,091	10/1970	Schenkenberg	377	6	
	CR					
	DR					
	ER					
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	LR					
	MR					
	NR					
	OR					
	PR					

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	QR							
	RR							
	SR							
	TR							
	UR							
	VR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>ELH</i>	WR	Sketch by inventors of conventional sensor						
	XR							
	YR							
	ZR							
	AAF							
	BBF							

Examiner

Date Considered: 8-26-01

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified).  
To: U.S. Department of Commerce  
(PM&S FORM PAT-1449)  
Patent and Trademark Office

Atty.  
Dkt. No.

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241416

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: HAIR et al.

Appin. No. 09/261,221

Filing Date: March 3, 1999

Date: August 23, 2001

Page 1 of 1

Examiner: E. Lester

Group Art Unit: 2873

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<del>EL</del>	<del>AR 5,031,470</del>	<del>07/1997</del>	<del>Percy et al.</del>	<del>221</del>	<del>131</del>	
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
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	JR					
	KR					
	LR					
	MR					
	NR					
	OR					
	PR					

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
					Enclosed	No
	QR					
	RR					
	SR					
	TR					
	UR					
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	WR					
	XR					
	YR					
	ZR					
	AA					
	BB					

Examiner

Date Considered: 8-26-01

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PM&S FORM PAT-1449)  
Patent and Trademark Office

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Applicant: HAIR et al.

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Appln. No.: 09/261,221

Filing Date: March 3, 1999

Examiner: E. Lester

Group Art Unit: 2873

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date: September 7, 2001

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## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>E. Lester</i>	AR 5,927,639	07/1999	Troitt et al.	221	2	
<i>E. Lester</i>	BR 5,625,198	04/1997	Ghigira	250	559.27	
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
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	LR					
	MR					
	NR					
	OR					
	PR					

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
<i>E. Lester</i>	QR 9-326075	12/1997	Japan	Hashimoto	X			X
<i>E. Lester</i>	RR 2-257386	10/1990	Japan	Igarishi	X			X
	SR							
	TR							
	UR							
	VR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	WR							
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	ZR							
	AAF							
	BBF							

Examiner

Date Considered:

9-7-01

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